

## ABSTRACT

To propose a digital signal processing method and learning method and devices therefor, and a program storage medium which are capable of further improving the waveform reproducibility of a digital signal. Self correlation coefficients D40 and D41 are calculated respectively by cutting parts out of the digital signal D10 by multiple windows having different sizes, and the parts are classified based on the calculation results D15 of the self correlation coefficients D40 and D41 and then, the digital signal D10 is converted by the prediction method corresponding to the classified class, so that the conversion further suitable for the features of the digital signal D10 can be conducted.